

**ABSTRACT**

A method for treating a subject is provided, comprising positioning at least one electrode at at least one site of the subject for less than about 3 hours, applying an  
5 electrical current to the site of the subject, and configuring the current to increase cerebral blood flow (CBF) of the subject, so as to treat a condition of the subject. The site is selected from the list consisting of: a sphenopalatine ganglion (SPG) of the subject, a greater  
10 palatine nerve of the subject, a lesser palatine nerve of the subject, a sphenopalatine nerve of the subject, a communicating branch between a maxillary nerve and an SPG of the subject, an otic ganglion of the subject, an afferent fiber going into the otic ganglion of the subject, an  
15 efferent fiber going out of the otic ganglion of the subject, an infraorbital nerve of the subject, a vidian nerve of the subject, a greater superficial petrosal nerve of the subject, and a lesser deep petrosal nerve of the subject.

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